Deep Dive Analytics: FDA Geospatial Statistical Analyses - Efficient Allocation of Real Property

VIRTUAL STUDENT FEDERAL SERVICE

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Project Title	Deep Dive Analytics: FDA Geospatial Statistical Analyses - Efficient Allocation of Real Property
Project Summary	Organize the FDA's 5 year inspection data, propose an analysis based on "round trip" distance compared to the "geospatial mean center" of an area. Rerun analysis based on "drive time" coverage from existing FDA locations (50 and 100 mile coverage). Rerun analysis based on U.S. county boundaries.
Country	United States

Project Description

To support the Food and Drug Administration's (FDA) mission many regulatory, investigative and science professionals are assigned to a number of distinct geographic areas (19). The FDA real property locations (200+)within these areas serve as administrative and operational offices for our federal employees. Many of these areas are experiencing shifting and expanding workloads based on increased inspections of FDA regulated firms and products.

These "shifts and expansions" can benefit from geospatial statistical analyses based on current and optimum real property locations to better align our workforce with locations to support the FDA's ongoing mission to protect the public's health.

Required Skills or Interests

Skill(s)
Data analysis
Data visualization
GIS expertise

Additional Information

Further the FDA's understanding of how to best plan and distribute federal employees across federal locations throughout the U.S. Have an immediate impact using your analytical mind and our leading edge GIS software. We're looking for the best and brightest minds that want to serve, come and join us at the FDA.

Language Requirements

None